Cheetah

Heads-up Display for radar detectors & laser jammers

VizAlert V2

Welcome

Thank you for purchasing the new VizAlert V2, the world's most advanced motorcycle display for radar detectors.

The VizAlert is the only motorcycle heads-up display system that works with both radar detectors and laser jammers. It is also the only system which can convey both the alert type and the signal strength, through the use of different colors and flash rates.

I'm sure you'll find it an invaluable tool to help you use speed trap countermeasures more effectively on your motorcycle.

Your sincerely,

Al Smith, Director, Cheetah Advanced Technologies Ltd.

Pack Contents

1 x VizAlert V2 Helmet Display (not waterproof)
2 x CR2302 cell batteries (installed)
2 x Sets of self adhesive Velcro dots
1 x User manual

Please note, this pack contains only the helmet display. This is just a receiving unit. It can only be used in conjunction with a Cheetah Interface for your radar detector and/or your laser jammer.

Replacing the batteries

Two CR2032 batteries are already installed and should last more than 60 hours during normal operation. Replacement CR2032 3V batteries are readily available at all good battery stockists.

1 Remove the four screws that secure the battery cover and take the battery holder out of the casing.

2 Insert a nail file, screwdriver or similar object at the opposite end of the battery to the retaining clip. Gently prise the battery out of it's holder.

3 Insert 2 x CR2032 3V button cell batteries with the positive side facing upwards. The batteries securely click into position.

4 Replace the battery holder inside the casing and re-tighten the screws.

Warranty & Support

Warranty Registration
Register online at ***www.SpeedCheetah.com***

Limited Warranty
Cheetah Advanced Technologies Ltd. warrant our products against all defects in materials and workmanship for a period of **one year** from the date of the original purchase. Full warranty terms and conditions available online at:
www.SpeedCheetah.com

Service & Support
If for any reason your Cheetah product develops a fault, please check our Customer Service page on:

USA & Canada - visit ***www.GPSdetector.com***

Europe & Rest of World - visit ***www.SpeedCheetah.com***

If any problems persist, or to arrange a product return, please email ***support@SpeedCheetah.com***

Cheetah Advanced Technologies Ltd. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Overview

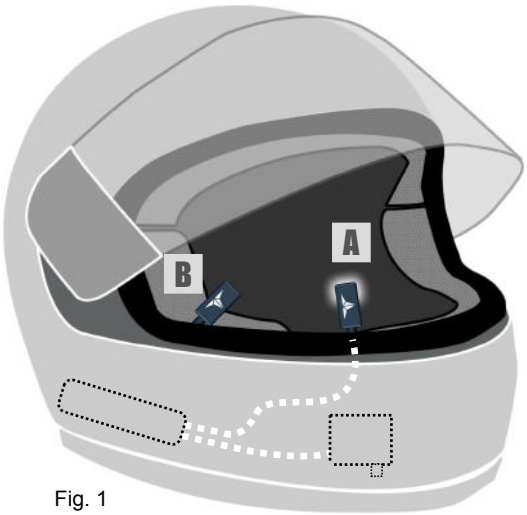
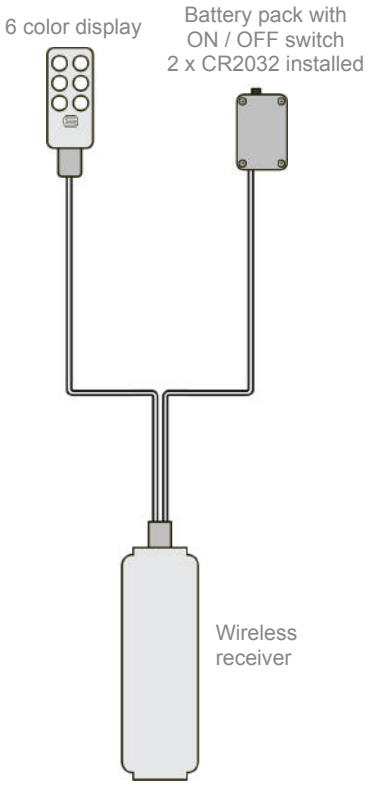
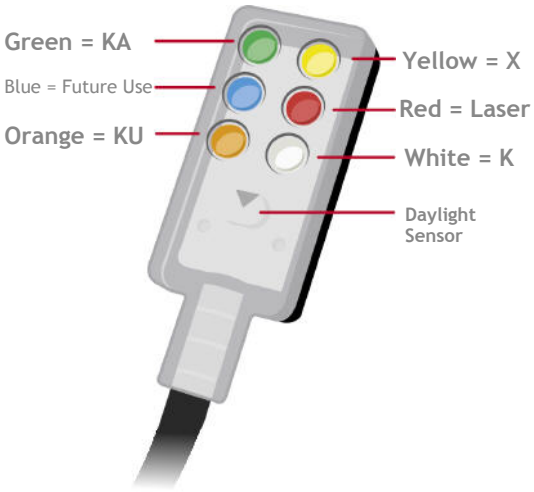


Fig. 1





1. Installing the VizAlert V2

Installation video available at www.SpeedCheetah.com

1.1 LED Display

The mounting location for the LED display is a matter of personal choice. It can be held securely in place by your helmet's cheek padding, so that it does not move during use. To begin with, we recommend fitting it as far towards the front of the view port as possible (Fig 1 - position A), but please note that it must never be mounted where it interferes with your forward vision. As you become more used to the display, you may prefer to move it more towards the side of your helmet, in your peripheral vision (Fig 1 - position B).

The beam from the LED display is directional, so care must be taken when mounting to ensure that the raised "bubbles" are kept pointing towards your eye, otherwise you may miss some alerts. TIP - Use a mirror and press the test button on the RADARnode transmitter to see where the beams are pointing.

1.2 Receiver

The receiver can be easily tucked behind the comfort liner or even slipped underneath the base gasket, and secured with Velcro, if required.

1.3 Battery Pack

Secure the battery pack with Velcro, in a convenient location for access to the ON/OFF switch. **The battery pack is not waterproof so must be positioned inside the helmet.**

1.4 Cruiser / Open Face / Shorty Helmets

The VizAlert V2 is designed for installing inside full-face helmets. However a boom arm, to support the VizAlert LED display in your forward vision, is available as an optional extra on our website. You may also like to consider purchasing the VizAlert Classic display, as its receiver / battery compartment is waterproof and mounts on the outside of an open face helmet.

2. Using the VizAlert V2

2.1 Switching ON your system

The radar detector and the helmet display operate independently.The VizAlert's battery pack has a sliding ON/OFF switch. All 6 LEDs will flash once, at the same time, to confirm it is switched on.

Your radar detector will power up when you start the engine. The RADARnode transmitter will then begin transmitting to the VizAlert and all the LED's will flash in a circular sequence to confirm that the wireless link is established.

2.2 Switching off your system

When you switch off your engine, power to the RADARnode transmitter and your radar detector is automatically cut off, so you won't get a flat battery.

The VizAlert's battery pack has a sliding ON/OFF switch.

2.3 Automatic shut-down

If you forget to switch the VizAlert display off, it will automatically shut itself down 10 minutes after the RADARnode stops transmitting, to conserve battery power. All 6 LEDs will flash twice to confirm it is switching off. **When you next use the system after an automatic shut down, you must first move the battery switch to the OFF position, then turn it back ON again as normal.**

2.4 Light sensitive

The automatic dimming feature will reduce the LED intensity at night time. If required, the display may be temporarily rotated away to further protect your night vision.

3. Understanding the alerts

Different colors represent different radar / laser bands. There are three flash rates to indicate signal strength - slow, medium and fast.

LED	MEANING
Green	**KA band radar**
White	**K band radar**
Yellow	**X band radar**
Orange	**KU band radar**
Red (medium flashing)	**Laser alert from your radar detector**
Red (rapid flashing)	**Laser alert from your laser jammer**
Blue	**not currently used - reserved for future**
All 6 LEDs flash once	**Power ON**
All 6 LEDs flash twice	**Power OFF**
All 6 LEDs flash in sequence	**Wireless link established**
Green, Blue then Orange	**Low battery** - replace the batteries soon
Yellow and Orange alternately	**No wireless link**
(6 flashes ever 30 seconds until the wireless connection is re-established)	